SEQUENCE LISTING

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<120>   CCT6s AS MODIFIERS OF THE RB PATHWAY AND METHODS OF USE

<130>   EX03-086C-PC

<150>   US 60/428,872
<151>   2002-11-25

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<170>   PatentIn version 3.2

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cttctcaaat gatgattgaa ttcaaaatca acccttctag aagatgaaat ttagtacact    1680

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<210>   7
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<212>   DNA
<213>   Homo sapiens

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ttgggtccta aaggcaccat gaaaatgctt gcttctggtg caggtgacat caaactcacc     180

aaagatggca atgtactgct cgatgagatg caaattcaac atccaacagc ttccttgata     240

gcaaaagtag caacagctca ggatgacgtc acaggagatg gtactacttc aaatgttcta     300

attattggag agttattaaa acaagctgac ctgtacattt ctgagggcct gcaccctaga     360

ataatagctg aaggatttga agctgcaaag ataaaagcac ttgaagtttt ggaggaagtt     420

aaagtgacaa aggagatgaa aagaaaaatc ctcttagatg tagctagaac atcattacaa     480

actaaagttc atgctgaact ggctgatgtc ttaacagagg ttgtggtgga ttctgttttg     540

gctgttagaa gaccaggtta ccctattgat ctcttcatgg tagaaataat ggagatgaag     600

cataaattag gaacagatac aaagttgatc caaggattag ttttggatca tggtgcccgt     660

catccagata tgaagaagcg agtagaagat gcatttatcc ttatttgcaa cgtttcactg     720

gaatatgaaa aaacagaggt gaactctggt ttcttttata agactgcaga gagaaaagag     780

aaattggtaa aagctgaaag aaaatttatt gaagatagag tacaaaaaat aatagacctg     840

aaggacaaag tctgtgctca gtcaaataaa ggatttgtcg tcattaatca aaagggaatt     900

gatccatttt ccttagattc tcttgcaaaa catggaatag tagctcttcg cagagcaaaa     960

agaagaaata tggaaagact ctctcttgct tgtggtggaa tggccgtgaa ttctttttgaa    1020

gatctcactg tagattgctt gggacatgct ggtcttgtgt atgagtatac attaggtgaa    1080

gaaaagttca cttttattga ggagtgtgtt aaccccttgct ctgttacctt gttggttaaa    1140

ggaccaaata agcatactct cacacaagtc aaggatgcca taagagatgg acttcgtgct    1200

atcaaaaatg ccattgaaga tggttgtatg gttcctggag ctggtgcaat tgaagtggca    1260

atggctgaag ctcttgttac atataagaac agtataaaag gaagagctcg tcttggagtc    1320

caagcttttg ctgatgcctt actcattatt cccaaggttc ttgctcagaa tgctggttat    1380

gacccacagg aaacattagt aaaagttcag gctgagcatg tcgagtcaaa acaacttgtg    1440

ggcgtagatt tgaatacagg tgagccaatg gtagcagcag atgcaggagt ttgggataat    1500

tattgtgtaa aaaaacaact tcttcactct tgcacagtga ttgccaccaa cattctcctg    1560

gttgatgaaa ttatgcgagc tgggatgtct tctctcaaat gatgattgaa ttcaaaatca    1620
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9

acccttctag aagatgaaat ttagtacact ttacatctga ctactattgt gtagcctgag   1680

ccattctgaa tttctacaca ataaatgcag tttatgtcga aaaaaaaaa aaaaa   1735

<210>   8
<211>   531
<212>   PRT
<213>   Homo sapiens

<400>   8

Met Ala Ala Val Lys Thr Leu Asn Pro Lys Ala Glu Val Ala Arg Ala
1   5   10   15

Gln Ala Ala Leu Ala Val Asn Ile Ser Ala Ala Arg Gly Leu Gln Asp
            20   25   30

Val Leu Arg Thr Asn Leu Gly Pro Lys Gly Thr Met Lys Met Leu Val
        35   40   45

Ser Gly Ala Gly Asp Ile Lys Leu Thr Lys Asp Gly Asn Val Leu Leu
    50   55   60

His Glu Met Gln Ile Gln His Pro Thr Ala Ser Leu Ile Ala Lys Val
65   70   75   80

Ala Thr Ala Gln Asp Asp Ile Thr Gly Asp Gly Thr Thr Ser Asn Val
            85   90   95

Leu Ile Ile Gly Glu Leu Leu Lys Gln Ala Asp Leu Tyr Ile Ser Glu
            100   105   110

Gly Leu His Pro Arg Ile Ile Thr Glu Gly Phe Glu Ala Ala Lys Glu
        115   120   125

Lys Ala Leu Gln Phe Leu Glu Glu Val Lys Val Ser Arg Glu Met Asp
        130   135   140

Arg Glu Thr Leu Ile Asp Val Ala Arg Thr Ser Leu Arg Thr Lys Val
145   150   155   160

His Ala Glu Leu Ala Asp Val Leu Thr Glu Ala Val Val Asp Ser Ile
            165   170   175

Leu Ala Ile Lys Lys Gln Asp Glu Pro Ile Asp Leu Phe Met Ile Glu
            180   185   190

Ile Met Glu Met Lys His Lys Ser Glu Thr Asp Thr Ser Leu Ile Arg

10

```
         195                    200                    205


Gly Leu Val Leu Asp His Gly Ala Arg His Pro Asp Met Lys Lys Arg
    210                215                220


Val Glu Asp Ala Tyr Ile Leu Thr Cys Asn Val Ser Leu Glu Tyr Glu
225                230                235                240


Lys Thr Glu Val Asn Ser Gly Phe Phe Tyr Lys Ser Ala Glu Glu Arg
                245                250                255


Glu Lys Leu Val Lys Ala Glu Arg Lys Phe Ile Glu Asp Arg Val Lys
                260                265                270


Lys Ile Ile Glu Leu Lys Arg Lys Val Cys Gly Asp Ser Asp Lys Gly
        275                280                285


Phe Val Val Ile Asn Gln Lys Gly Ile Asp Pro Phe Ser Leu Asp Ala
    290                295                300


Leu Ser Lys Glu Gly Ile Val Ala Leu Arg Arg Ala Lys Arg Arg Asn
305                310                315                320


Met Glu Arg Leu Thr Leu Ala Cys Gly Gly Val Ala Leu Asn Ser Phe
                325                330                335


Asp Asp Leu Ser Pro Asp Cys Leu Gly His Ala Gly Leu Val Tyr Glu
                340                345                350


Tyr Thr Leu Gly Glu Glu Lys Phe Thr Phe Ile Glu Lys Cys Asn Asn
        355                360                365


Pro Arg Ser Val Thr Leu Leu Ile Lys Gly Pro Asn Lys His Thr Leu
    370                375                380


Thr Gln Ile Lys Asp Ala Val Arg Asp Gly Leu Arg Ala Val Lys Asn
385                390                395                400


Ala Ile Asp Asp Gly Cys Val Val Pro Gly Ala Gly Ala Val Glu Val
                405                410                415


Ala Met Ala Glu Ala Leu Ile Lys His Lys Pro Ser Val Lys Gly Arg
                420                425                430


Ala Gln Leu Gly Val Gln Ala Phe Ala Asp Ala Leu Leu Ile Ile Pro
        435                440                445
```

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```
Lys Val Leu Ala Gln Asn Ser Gly Phe Asp Leu Gln Glu Thr Leu Val
    450                 455             460


Lys Ile Gln Ala Glu His Ser Glu Ser Gly Gln Leu Val Gly Val Asp
465                 470             475                 480


Leu Asn Thr Gly Glu Pro Met Val Ala Ala Glu Val Gly Val Trp Asp
                485             490                 495


Asn Tyr Cys Val Lys Lys Gln Leu Leu His Ser Cys Thr Val Ile Ala
            500             505             510


Thr Asn Ile Leu Leu Val Asp Glu Ile Met Arg Ala Gly Met Ser Ser
        515             520             525


Leu Lys Gly
    530
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```
<210>  9
<211>  540
<212>  PRT
<213>  Homo sapiens

<400>  9

Met Ala Ala Ile Lys Ala Val Asn Ser Lys Ala Glu Val Ala Arg Ala
1               5               10                  15


Arg Gln Leu Trp Leu Ser Ile Tyr Ala Pro Pro Arg Val Gln Asp Val
            20              25                  30


Leu Arg Thr Asn Leu Gly Pro Lys Gly Thr Met Lys Met Leu Val Ser
        35              40                  45


Gly Ala Gly Asp Ile Lys Leu Thr Lys Asp Gly Asn Val Leu Leu Asp
    50              55                  60


Glu Met Gln Ile Gln His Pro Thr Ala Ser Leu Ile Ala Lys Val Ala
65                  70                  75                  80


Thr Ala Gln Asp Gly Val Thr Gly Asp Gly Thr Thr Thr Asn Val Leu
                85                  90                  95


Ile Ile Gly Glu Leu Leu Lys Gln Ala Asp Leu Tyr Ile Ser Glu Gly
            100                 105                 110


Leu His Pro Arg Ile Ile Ala Glu Gly Phe Glu Ala Ala Lys Ile Lys
        115                 120                 125
```

12

```
Ala Leu Glu Val Leu Glu Glu Val Lys Val Thr Lys Glu Met Lys Arg
    130                 135             140

Lys Ile Leu Leu Asp Val Ala Arg Thr Ser Leu Gln Thr Lys Val His
145                 150             155                 160

Ala Glu Leu Ala Asp Val Leu Thr Glu Val Val Val Asp Ser Leu Phe
                165             170             175

Pro Val Arg Arg Pro Pro Tyr Pro Ile Asp Leu Phe Met Val Glu Ile
            180             185             190

Met Glu Met Lys His Lys Leu Gly Thr Asp Thr Lys Leu Ile Gln Gly
        195             200             205

Leu Val Leu Asp His Gly Ala Arg His Pro Asp Met Lys Lys Arg Val
    210             215             220

Glu Asp Ala Phe Ile Leu Ile Cys Asn Val Ser Leu Glu Tyr Glu Lys
225             230             235             240

Thr Glu Val Asn Ser Ala Phe Phe Tyr Lys Thr Ala Glu Glu Lys Glu
            245             250             255

Lys Leu Val Lys Ala Glu Arg Lys Phe Ile Glu Asp Arg Val Gln Lys
            260             265             270

Ile Ile Asp Leu Lys Asp Lys Val Cys Ala Gln Ser Asn Lys Gly Phe
        275             280             285

Val Val Ile Asn Gln Lys Gly Ile Asp Pro Phe Ser Leu Asp Ser Leu
    290             295             300

Ala Lys His Gly Ile Val Ala Leu Arg Arg Ala Lys Arg Arg Asn Met
305             310             315             320

Glu Arg Leu Ser Leu Ala Cys Gly Gly Met Ala Val Asn Ser Phe Glu
            325             330             335

Asp Leu Thr Val Asp Cys Leu Gly His Ala Gly Leu Val Tyr Glu Tyr
            340             345             350

Thr Leu Gly Glu Glu Lys Phe Thr Phe Ile Glu Glu Cys Val Asn Pro
        355             360             365
```

```
Cys Ser Val Thr Leu Leu Val Lys Gly Pro Asn Lys His Thr Leu Thr
    370             375             380


Gln Val Lys Asp Ala Ile Arg Asp Gly Leu Arg Ala Ile Lys Asn Ala
385             390             395             400


Ile Glu Asp Gly Cys Met Val Pro Gly Ala Gly Ala Ile Glu Val Ala
                405             410             415


Met Ala Glu Ala Leu Val Thr Tyr Lys Asn Ser Ile Lys Gly Arg Ala
                420             425             430


Arg Leu Gly Val Gln Ala Phe Ala Asp Ala Leu Leu Ile Ile Pro Lys
        435             440             445


Val Leu Ala Gln Asn Ala Gly Tyr Asp Pro Gln Glu Thr Leu Val Lys
    450             455             460


Val Gln Ala Glu His Val Glu Ser Lys Gln Leu Val Gly Val Asp Leu
465             470             475             480


Asn Thr Gly Glu Pro Met Val Ala Ala Asp Ala Gly Val Trp Asp Asn
                485             490             495


Tyr Cys Val Lys Lys Gln Leu Leu His Ser Cys Thr Val Ile Ala Thr
        500             505             510


Asn Ile Leu Leu Val Asp Glu Ile Met Arg Ala Gly Met Ser Ser Gln
        515             520             525


Met Met Ile Glu Phe Lys Ile Asn Pro Ser Arg Arg
    530             535             540
```